S.V. CIVIL ENGINEERING CONSULTANTS
An ISO 9001 2008 Certified Company

Job No.: SVCE/BBMP/VC/W No.17/2016-17

19.04.2016

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	**: Executive Engineer,** RR Nagara Division, BBMP, Bangalore.
Agency	**: M/s Vrushabhadri Construction,** Bangalore.
Name of the work	: Construction of first floor office for AEE (Yeshwanthpur) at JP park Swimming pool Parking area in Ward No.17, BBMP, Bangalore.
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	12.04.2016	19.04.2016	8.136	336.2	14.94
2	12.04.2016	19.04.2016	8.145	345.2	15.34
3	12.04.2016	19.04.2016	8.158	328.9	14.62

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

For SV CIVIL ENGINEERING CONSULTANTS

Authorised Signator

#1000, 3rd Floor, 1st main, 4th Block, Dr. Rajkumar Road, Rajajinagar, Bangalore 560 010
Tel: +91 80 2352 0575; E-mail: svcivilec@gmail.com

The Road to Success is always under Construction

Scanned by CamScanner

S.V. CIVIL ENGINEERING CONSULTANTS
An ISO 9001 2008 Certified Company

Job No.: SVCE/BBMP/VC/W No.17/2016-17

10.05.2016

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	**: Executive Engineer,** RR Nagara Division, BBMP, Bangalore.
Agency	**: M/s Vrushabhadri Construction,** Bangalore.
Name of the work	: Construction of first floor office for AEE (Yeshwanthpur) at JP park Swimming pool Parking area in Ward No.17, BBMP, Bangalore.
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	12.04.2016	10.05.2016	8.215	505.2	22.45
2	12.04.2016	10.05.2016	8.205	516.8	22.97
3	12.04.2016	10.05.2016	8.236	529.1	23.52

Note:
1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

For SV CIVIL ENGINEERING CONSULTANTS,

Authorised Signator

#1000, 3rd Floor, 1st main, 4th Block, Dr. Rajkumar Road, Rajajinagar,Bangalore 560 010
Tel: +91 80 2352 0575; E-mail: svcivilec@gmail.com

Scanned by CamScanner

S.V. CIVIL ENGINEERING CONSULTANTS
An ISO 9001 2008 Certified Company

Job No.: SVCE/BBMP/VC/W No.17/2016-17

19.04.2016

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Executive Engineer,** RR Nagara Division, BBMP, Bangalore.
Agency	: **M/s Vrushabhadri Construction,** Bangalore.
Name of the work	: Construction of first floor office for AEE (Yeshwanthpur) at JP park Swimming pool Parking area in Ward No.17, BBMP, Bangalore.
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	12.04.2016	19.04.2016	8.168	336.2	14.94
2	12.04.2016	19.04.2016	8.140	346.2	15.39
3	12.04.2016	19.04.2016	8.115	328.9	14.62

Note:
1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

For SV CIVIL ENGINEERING CONSULTANTS

Authorised Signator

#1000, 3rd Floor, 1st main, 4th Block, Dr. Rajkumar Road, Rajajinagar,Bangalore 560 010
Tel: +91 80 2352 0575; E-mail: svcivilec@gmail.com

Scanned by CamScanner

S.V. CIVIL ENGINEERING CONSULTANTS
An ISO 9001 2008 Certified Company

Job No.: SVCE/BBMP/VC/W No.17/2016-17

10.05.2016

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	**: Executive Engineer,** RR Nagara Division, BBMP, Bangalore.
Agency	**: M/s Vrushabhadri Construction,** Bangalore.
Name of the work	: Construction of first floor office for AEE (Yeshwanthpur) at JP park Swimming pool Parking area in Ward No.17, BBMP, Bangalore.
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	12.04.2016	10.05.2016	8.205	505.2	22.45
2	12.04.2016	10.05.2016	8.216	516.9	22.97
3	12.04.2016	10.05.2016	8.252	528.1	23.47

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

For SV CIVIL ENGINEERING CONSULTANTS

Authorised Signator

#1000, 3rd Floor, 1st main, 4th Block, Dr. Rajkumar Road, Rajajinagar,Bangalore 560 010
Tel: +91 80 2352 0575; E-mail: svcivilec@gmail.com

Scanned by CamScanner

S.V. CIVIL ENGINEERING CONSULTANTS
An ISO 9001 2008 Certified Company

Job No.: SVCE/BBMP/VC/W No.17/2016-17

Date: : 20.05.2016

TEST REPORT ON VITRIFIED TILES

*Client	: **Executive Engineer,** RR Nagara Division, BBMP, Bangalore.
*Contractor	: **M/s Vrushabhadri Construction,** Bangalore.
*Name of the work	: Construction of first floor office for AEE (Yeshwanthpur) at JP park Swimming pool Parking area in Ward No.17, BBMP, Bangalore.
Technical Reference	: IS: 13630 - 2006 - Method of Testing Vetrified Tiles IS 15622 - 2006 - Specification of Vetrified Tiles
No. of Samples Tested	: 05 (Five)
Date of Testing	: 20.05.2016

I. MODULUS OF RUPTURE

Sl. No.	Measured Dimension (mm)	Modulus of Rupture (N/mm^2)	Average (N/mm^2)	Requirement as per IS: 15622 (Reaffirmed 2006)
1	600 x 600 x 9.5	47.8	47.58	Average 47, indivisual minimum 44 N/mm^2
2	600 x 600 x 9.9	46.9		
3	600 x 600 x 9.8	47.5		
4	600 x 600 x 9.6	47.6		
5	600 x 600 x 9.8	48.1		

II. CHEMICAL RESISTANCE

Sl. No.	Measured Dimension (mm)	Visual observations	Requirement as per IS: 15622 (Reaffirmed 2006)
1	600 x 600 x 9.5	No visible effect	Class AA, min (13630 Part 8)
2	600 x 600 x 9.9	No visible effect	
3	600 x 600 x 9.8	No visible effect	
4	600 x 600 x 9.6	No visible effect	
5	600 x 600 x 9.8	No visible effect	

For SV CIVIL ENGINEERING CONSULTANTS

Authorised Signator

#1000, 3rd Floor, 1st main, 4th Block, Dr. Rajkumar Road, Rajajinagar,Bangalore 560 010
Tel: +91 80 2352 0575; E-mail: svcivilec@gmail.com

Scanned by CamScanner

III. STAIN RESISTANCE

Sl. No.	Measured Dimension (mm)	Visual observations	Requirement as per IS: 15622 (Reaffirmed 2006)
1	600 x 600 x 9.5	Stain Removed by Water	Class 1, min (13630 Part 8)
2	600 x 600 x 9.9	Stain Removed by Water	
3	600 x 600 x 9.8	Stain Removed by Water	
4	600 x 600 x 9.6	Stain Removed by Water	
5	600 x 600 x 9.8	Stain Removed by Water	

Note:
1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

For SV CIVIL ENGINEERING CONSULTANTS

Authorised Signator

Scanned by CamScanner